proved. He considers the method by Sorokina to be unreliable. G. P. Fedoseyev states with respect to the lecture by Bragin: The results are to be considered of great practical interest. The investigation, however, is incomplete and therefore cannot be recommended for practical technology. M. P. Tonkonogov considers the lecture by Bragin as valuable for the clarification of the interconnection between the phenomena of dielectric losses and the phenomena of breakdown. I. D. Fridberg discusses the lecture by Bragin and communicates his own experience in this field. K. B. Tolpygo contests the results communicated in the lecture by Krasnopevtsev, Konorova and Skanavi. Ye. A. Konorova answers Balygin and states, that an overlapping of samples was impossible. Methodical modification in comparison to the thirties are represented by an employment of qualitatively better samples, purer raw materials and of a previous treatment as well as by the fact, that the measurements of breakdown voltage are conducted more accurately. G. I. Skanavi comments on the lecture by Vorob'yev and Vorob'yev and states that the attempt to obtain data on the second stage of

Discussions on Lectures by: S. M. Bragin, G. A. Vorob'yev and A. A. Vorob'yev; L. A. Sorokina and Ye. A. Konorova; V. D. Kuchin; Ye. A. Konorova, V. V. Krasnopevtsev and G. I. Skanavi 48-22-4-12/24

breakdown proves to be of interest. The apprehensions of the authors regarding this problem are to be noticed. Subsequently he deals with some experiments of his own.
There is 1 figure.

AVAILABLE: Library of Congress

1. Scientific reports--Critic

Card 3/3

VOROB'YEV, Vasiliy Aleksandrovich, prof., doktor tekhn.nauk, zasluzhennyy deyatel' nauki i tekhniki; FEDOSEYEV, Georgiy Petrovich, inzh.; ISLANKINA, T.I., red.; SAVCHENKO, Ye.V., tekhn.red.

[Local building materials] Mestnye stroitel'nye materialy. Moskva, Izd-vo "Znanie," 1959. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4. Nauka i tekhnika, no.2) (MIRA 12:2)
(Building materials)

VOROB'YEV, Vasiliy Aleksandrovich, zasl. deyatel' nauki i tekhniki, prof.; KOROVNIKOVA, Vera Vasil'yevna, kand. tekhn. nauk; FEDOSEYEV, Georgiy Petrovich, starshiy prepodavatel'; CHERNOV, Ye., red.; USTINOVA, S., tekhn. red.

[Plastic building materials]Stroitel'nye materialy iz plasticheskikh mass. [By]V.A.Vorob'ev, V.V.Korovnikova, G.P. Fedoseev. Moskva, Mosk. rabochii, 1962. 179 p. (MIRA 16:3)

(Building materials) (Plastics)

VOROB'YEV, Vasiliy Aleksandrovich, zasl. deyatel' nauki i tekhniki RSFSR, doktor tekhn. nauk; KOLOKOL'NIKOV, Vadim Sergeyevich, kand. tekhn. nauk; Prinimal uchastiye FEDOSEYEV, G.P., inzh.; SHUBENKIN, P.F., prof., nauchnyy red.; LAFAZAN, M.I., red.; DORODNOVA, L.A., tekhn. red.; PERSON, M.N., tekhn.red.

[Study of materials for masons and concrete workers]Materialovedenie dlia kamenshchikov i betonshchikov. Moskva, Proftekhizdat, 1962. 250 p. (MIRA 15:11)
(Building materials)

VOROB'YEV, Vasiliy Aleksandrovich, zasl. deyatel' nauki i tekhniki RSFSR, prof., doktor tekhn. nauk; Prinimali uchastiye: KOLOKOL'NIKOV, V.S., kand.tekhn.nauk, dots.; FEDOSEYEV, G.P., starshiy prepodavatel'; MARTYNOV, A.P., red.; GARINA, T.D., tekhn. red.

[Building materials and products]Stroitel'nye materialy i detali. 2., izd. rashirennoe i perer. Moskva, Gos.izd-vo "Vysshaia shkola," 1962. 399 p. (MIRA 16:3)
(Building materials)

FEDOSEYEV, G.P., inzh.

Non-autoclaved structural foamed fly-ash concrete. Bet. i zhel.-bet. 8 no.7:320-322 Jl '62. (MIRA 15:7)
(Lightweight concrete)

VOROB'YEV, Vasiliy Aleksandrovich, zasl. deyatel' nauki i tekhniki doktor tekhn. nauk prof.; Prinimali uchastiye: FEDOSEYEV, G.P., kand. tekhn. nauk, dots.; ANDRIANOV, R.A., kand. tekhn. nauk; KOSHKIN, V.G., nauchn. sotr., kand. tekhn. nauk retsenzent; MARTYNOV, A.P., red.

[Principles of the technology of plastic building materials] Osnovy tekhnologii stroitel'nykh materialov iz plasticheskikh mass. Moskva, Vysshaia shkola, 1965. 323 p. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov (for Koshkin).

VOROB'YEV, Vasiliy Aleksandrovich, zasl. deyatel' nauki i tekh-
niki, prof., doktor tekhn. nauk. Prinimali uchastiye: FEDOSEYEV,
G.P., dots., kand. tekhn. nauk; ANDRIANOV, R.A., kand. tekhn.
nauk

[Manufacture and use of plastics in building] Proizvodstvo i
primenenie plastmass v stroitel'stve. Moskva, Stroiizdat,
1965. 234 p. (MIRA 18:9)

ACCESSION NR: AR4045041

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 12B15

AUTHOR: Fedoseyev, G. P.

TITLE: Heat resistance of Soviet flogopite mica

SOURCE: Izv. Leningr. elektrotekhn. in-ta, vy* 51, 164, 201-210

TOPIC TAGS: mica, flogopite

ABSTRACT: The heat resistance of flogopite was determined from the relative

Card 1/2

ACCESSION NR: AR4045041

Card 2/2

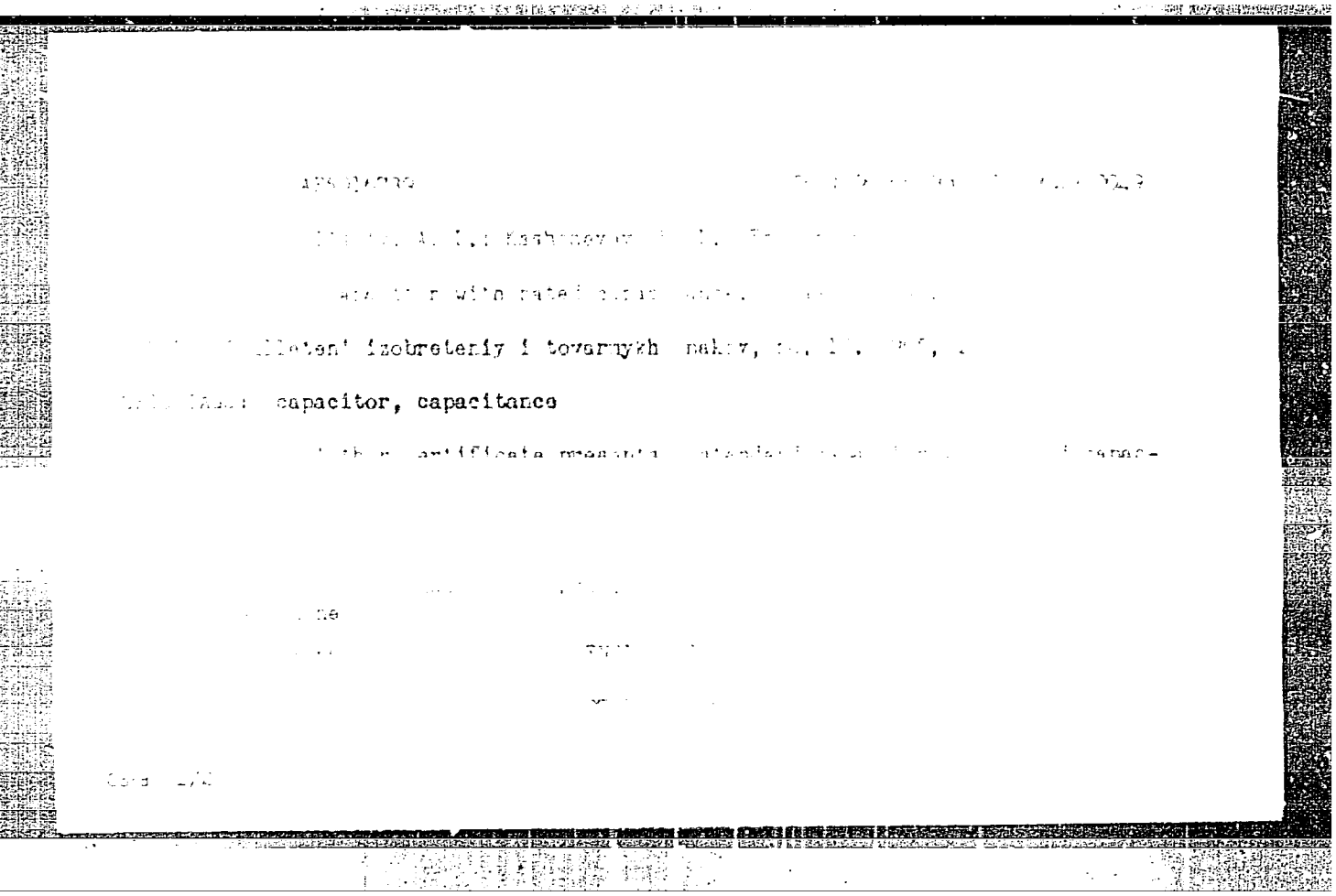
FEDOSEYEV, G.S.

Origin of syenite-diorites in the massif of Malaya Kul'-Tayga Mountain. Geol.i geofiz. no.12:57-62 '61. (MIRA 15:5)

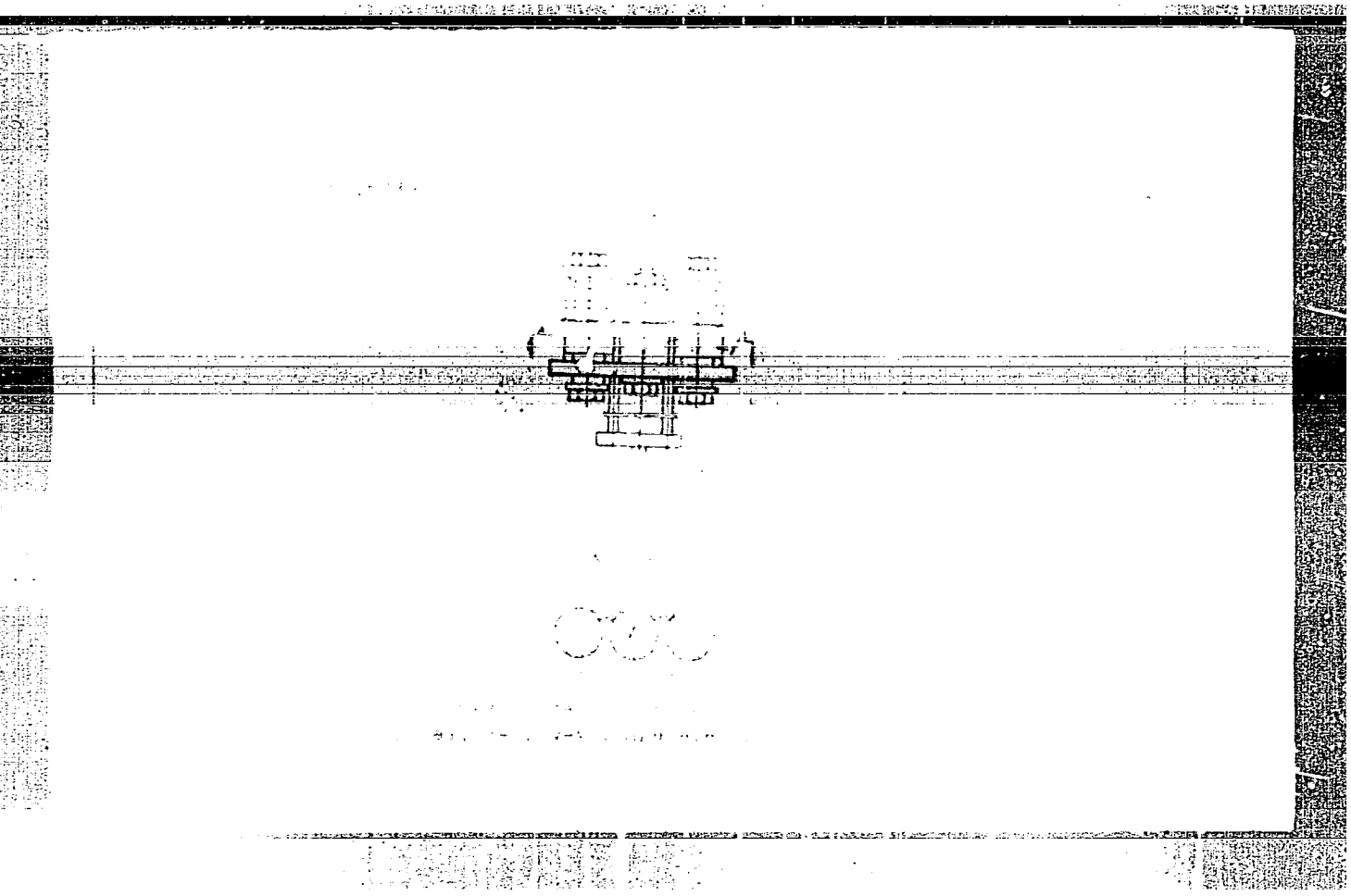
1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Kuznetsk Ala-Tau--Syenite) (Kuznetsk Ala-Tau--Diorite)

POLYAKOV, G.V.; FEDOSEYEV, G.S.

Intrusive complexes in the region of the Tayat-Tabrat group of iron ore deposits. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no.33:113-133 '63. (MIRA 17:11)



capacitor, capacitance



PUCHKOV, Yu.P.; FEDOSEYEV, G.S.

Structure of the Shindinskiy pluton (Eastern Sayan) according to geological and geophysical data. Geol. i geofiz. no.3:84-93 '65.
(MIRA 18:6)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

FEDOSEYEV, I.

"Constructing Animal Husbandry Installations on the Collective Farm," Kolkh. proizv. 12, No.8, 1952

FEDOSEYEV, I., polkovnik

Political work and life. Komm. Vooruzh. Sil 5 no.21:58-61 N '64.
(MIRA 17:12)

FEDOSEYEV, I.A.

History of studies of lateral circulation in rivers. Vop. ist. est. i tekh. no.3:130-141 '57. (MIRA 11:1)
(Hydrodynamics--History)

Fedoseyev, I A.

FEDOSEYEV, I.A.

Letter from D.I. Mendeleev to G.P. Sazonov. Vop. ist. est. i tekh. no.3:189-190 '57. (MIRA 11:1)
(Mendeleev, Dmitrii Ivanovich, 1834-1907)
(Sazonov, Grigorii Petrovich)

FEDOSEYEV, I.A.

Development of the studies of river bed formation. Trudy Inst.ist. est.i tekh. 9:207-234 '57. (MLRA 10:5)
(Rivers)

FEDOSEYEV, I.A.

FEDOSEYEV, I. A., Cand Tech Sci -- (diss) "Development of terrain hydrology in Russia (before 1917)." Mos, 1958. 19 pp (Acad Sci USSR. Inst of History of Natural Sci and Tech). 110 copies (KL, 20-58,99)

FEDOSEYEV, Ivan Andreyevich; ORLOV, B.P., otv.red.; PROKOF'YEVA, N.B., red.izd-va; GOLUB', S.P., tekhn.red.; RYLINA, Yu.V., tekhn.red.

[Development of continental hydrology in Russia] Razvitie gidrologii sushi v Rossii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 300 p. (MIRA 13:4)

(Hydrology)

KLIMENTOV, Petr Platonovich, prof.; FEDOSEYEV, I.A., red.; KAPYSHEVA, V.S., red.izd-va; GOROKHOVA, S.S., tekhn. red.

[General hydrogeology]Obshchaia gidrogeologiia. Izd.2., perer. Moskva, Vysshaia shkola, 1962. 210 p. (MIRA 16:2)
(Water, Underground)

SHCHERBAKOV, D.I., akademik, red.; TIKHOMIROV, G.S., kand. ekonom. nauk, red.; BELOV, M.I., doktor ist. nauk, red.; SUZYUMOV, Ye.M., red.; FEDOSEYEV, I.A., kand. tekhn. nauk, red.; FILIPPOV, M.S., kand. geol.-miner. nauk, red.; PERVAKOV, I.L., red.; CHERNYKH, M.P., mladshiy red.; GOLITSYN, A.V., red. kart; VILENSKAYA, E.N., tekhn. red.

[Soviet expeditions of 1959] Sovetskie ekspeditsii 1959 goda. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 303 p.
(MIRA 15:7)
(Scientific expeditions)

MIKULINSKIY, S.R., otv. red.; BLYAKHER, L.Ya., red.; GORDEYEV, D.I., red.; ZUBOV, V.P., red.; FEDOSEYEV, I.A., red.; PERMYAKOVA, A.I., red. izd-va; CHERKASOVA, V.I., red. izd-va; NOVICHKOVA, N.D., tekhn. red.

[History of the natural sciences in Russia in three volumes] Istoriia estestvoznaniia v Rossii v trekh tomakh. Moskva, Izd-vo Akad. nauk SSSR. Vol.3. [Geology, geography, and biology] Geologo-geograficheskie i biologicheskie nauki. Pod red. L.IA.Bliakhera i dr. 1962. 603 p. (MIRA 15:5)

1. Akademiya nauk SSSR. Institut istorii yestestvoznaniya i tekhniki.

(Geology—History) (Geography—History)
(Biology—History)

FEDOSEYEV, I.A.

M.V.Lomonosov's contribution to meteorology and hydrology. Vop.-ist.est.i tekh. no.12:148-150 '62. (MIRA 15:4)
(Lomonosov, Mikhail Vasil'evich, 1711-1765)
(Hydrology) (Meteorology)

FEDOSEYEV, I.A.

Significance of M.A.Rykachev's works in the development of land hydrology. Vop.ist.est.i tekh. no.12:197-200 '62. (MIRA 15:4)
(Rykachev, Mikhail Aleksandrovich, 1840-1919)
(Hydrology)

SMIRNOVA, Muza Nikolayevna; BOGDANOV A.A., prof., red.; FEDOSEYEV, I.A., red.

[Principles of the geology of the U.S.S.R.] Osnovy geologii SSSR. Moskva, Vysshaia shkola, 1964. 433 p.
(MIRA 16:8)

NAUMOV, Guriy Vasil'yevich; FEDOSEYEV, I.A., otv. red.; YESAKOV, V.A., red.; SOLOV'YEV, A.I., red.

[Russian geographical explorations in Siberia in the 19th century] Russkie geograficheskie issledovaniia Sibiri v XIX - nachale XX v. Moskva, Nauka, 1965. 146 p.
(MIRA 19:1)

GVOZDETSKIY, N.A.; FEDCHINA, V.N.; AZAT'YAN, A.A.; DONTSOVA, Z.N.; FEDOSEYEV, I.A., otv. red.; YEASKOV, V.A., red.; SOLOV'YEV, A.I., red.

[Russian geographical explorations of the Caucasus and Central Asia in the 19th and the beginning of the 20th century] Russkie geograficheskie issledovaniia Kavkaza i Srednei Azii v XIX - nachale XX v. [By] N.A.Gvozdetsii i dr. Moskva, Nauka, 1964. 156 p. (MIRA 17:11)

FEDOSEYEV, I.S.; CHEKRYZHOV, V.A., red.izd-va; NAZAROVA, A.S., tekhn.red.

[Playing with fire is dangerous; advice in training children to be careful with fire] Shalosti s ognem opasny; sovety po vospitaniiu u detei navykov ostorozhnogo obrashcheniia s ognem. Izd.2., ispr. i dop. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 37 p. (MIRA 14:3)
(Fire prevention--Study and teaching)

FEDOSEYEV, I.S.

A building for training. Pozh.delo 8 no.12:32 D '62. (MIRA 16:1)

(Sweden--Firemen--Education and training)

FEDOSEYEV, I.V., konstruktor

New design of springs with hydraulic dampers for doors of industrial buildings. Suggested by I.V.Fedoseev. Rats.i izobr.predl.v stroi. no.8:140-142 '58. (MIRA 13:3)
(Springs (Mechanism)) (Doors)

37168

S/078/62/007/005/006/014
B101/B110

15.2240

AUTHORS: Fedoseyev, I. V., Nemkova, O. G.

TITLE: Oxidation of titanium nitride in dry and moist air

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 5, 1962, 980 - 982

TEXT: Titanium nitride was synthesized by 15 hr heating of Ti powder in N_2 stream at 1100-1200°C. No absolutely oxygen-free N_2 was obtained by the usual methods, and the titanium nitride contained oxides owing to the long reaction time. N_2 completely free from O_2 was obtained by conducting N_2 over titanium nitride which bound the O_2 traces. The resulting fine-crystalline powder had a specific surface of 1500 cm^2/g. The oxidation of titanium nitride was checked by periodic weighing while the sample was not removed from the reaction zone. The experiments in dry air were made at 600-750°C, since at 850°C oxidation occurred within 10 min. The oxidation curves showed two sections: (1) a linear part corresponding to direct

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S/078/62/007/005/006/014
B101/B110

Oxidation of titanium nitride...

oxidation of titanium nitride: $q = K_1 t$ (q = increase in weight per unit surface); (2) a part in which further oxidation occurs only by diffusion of O_2 through the oxide layer formed: $q^2 = K_2 t$. The authors found for $10^{-6} K_1$, $g/cm^2 \cdot min$: at 600°C, 0.125; at 675°C, 0.96; at 750°C, 5.36; for $10^{-10} K_2$ $(g/cm^2 \cdot min)^2$: at 675°C, 1.00; at 750°C, 5.70. The functions $\log K_1 = f(1/T)$ and $\log K_2 = f(1/T)$ are linear. The activation energy was calculated: $E_1 = 44.9$, $E_2 = 54.60$ kcal/mole. The oxidation curves remained unchanged on oxidation in air with 6% by volume water vapor. Oxidation of titanium nitride in water vapor at 700°C yielded a completely different oxidation curve; a process different from that for oxidation in air is therefore assumed. There are 4 figures and 2 tables.

SUBMITTED: June 1, 1961

Card 2/2

FEDOSEYEV, I.V.

S/089/62/012/006/015/019
B102/B104

AUTHORS: Galkin, N. P., Veryatin, U. D., Karpov, V. I., Brayerman, I. B., Fedoseyev, I. V.

TITLE: Thermodynamics of the reduction of uranium oxides and uranyl fluoride by certain reducing agents

PERIODICAL: Atomnaya energiya, v. 12, no. 6, 1962, 531-533

TEXT: The reduction reactions of UO_2F_2 and higher uranium oxides were calculated, and the reducibility of several reducing agents was assessed. The reaction potentials were determined for the range 373-1173°K, using the relation $\Delta Z_T = \Delta H_{298} - T\Delta S_{298} + \int_{298}^{T} \Delta c_p dT - \int_{296}^{T} \frac{\Delta c_p}{T} dT$.

The results are tabulated. UO_3 is reduced more easily than U_3O_8. ΔZ_T is greatest when NH_3 is used as reducing agent. The reducibility of CO decreases with temperature. UO_2F_2 cannot be reduced by CO, but is reduced

Card 1/2

Thermodynamics of the reduction ... S/089/62/012/006/015/019
B102/B104

by H_2 or NH_3. There are 2 figures and 2 tables.

SUBMITTED: September 11, 1961

Card 2/2

SOV/137-57-11-21194

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 11, p 81 (USSR)

AUTHORS: Fedoseyev, I.Ya., Pimenova, Ye.G.

TITLE: Recovery of Titanium From Slags (Izvlecheniye titana iz shlakov)

PERIODICAL: Tr. Voronezhsk. un-ta, 1956, Vol 40, pp 39-43

ABSTRACT: Experiments were conducted on the extraction of Ti from slags. A slag of the following % composition was used: Al_2O_3 46.1, TiO_2 34.0, CaO 13.0, Fe_2O_3 4.3, and SiO_2 2.6. The slag was ground and screened through a 50-100-mesh screen. Al, calculated on the basis of 100% of the amount required for complete reduction of the TiO_2 and Fe_2O_3 in the mixture, is then reduced. The charge is carefully mixed and poured into a fireclay crucible. The mixture is ignited from above. A bead of the resultant alloy is analyzed for Ti content. The experiments show that when the amount of Al theoretically required for reduction of TiO_2 and Fe_2O_3 is introduced into the mixture 50% of the TiO_2 is reduced to metal. Experiments are also run with different amounts of Al in the charge. It is shown that as

Card 1/2

1 Recovery of Titanium From Slags

excess Al is introduced into the charge, the percentage Ti recovery rises, attaining a maximum of 89.6% when 70% excess Al is present.

G.S.

FEDOSEYEV, I.Ya.

Interaction between potassium chloride, potassium metaborate, and potassium sulfate in a melt. Trudy VGU 57:39-45 '59.
(MIRA 13:5)
(Potassium chloride) (Potassium borate) (Postassium sulfate)

AUTHOR: Fedoseyev, I. Ya. S/078/60/005/04/025/040
B004/B016

TITLE: Melting-point Diagram of the Ternary System Potassium Metaborate, Potassium Metaphosphate, and Potassium Sulfate

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol 5, Nr 4, pp 917 - 919 (USSR)

ABSTRACT: This paper is a partial result obtained from the investigation of the quaternary system KCl - KPO_3 - KBO_2 - K_2SO_4. The investigation of the liquidus surface of the system KBO_2 - KPO_3 - K_2SO_4 was carried out on eleven sections (Fig 1). The experimental data of the individual sections are given in tables 1 - 11. Therefrom the diagram figure 2 was plotted. There are four crystallization fields which meet in two nonvariant points. The latter correspond to two ternary eutectics, the percentage composition of which is given. There are 2 figures, 11 tables, and 4 references, 3 of which are Soviet.

SUBMITTED: December 18, 1958

Card 1/1

SYROVATSKIY, A.D.; FEDOSEYEV, I.Ye.; BUSHUYEV, L.I., red.

[The city of Verkhoyansk] Verkhoianskai kuorat. IAkutskai, Sakha sirineechi kinige izdatel'stvota, 1963. 62 p. [In Yakut] (MIRA 17:10)

FEDOSEYEV, K.A.; KUMYANTSEV, A.F., red.

[Working capital of socialist industry and ways to speed up its turnover] Oborotnye sredstva sotsialisticheskoi promyshlennosti i puti uskoreniia ikh oborachivaemosti. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1953. 38 p.
(Finance) (MIRA 13:8)

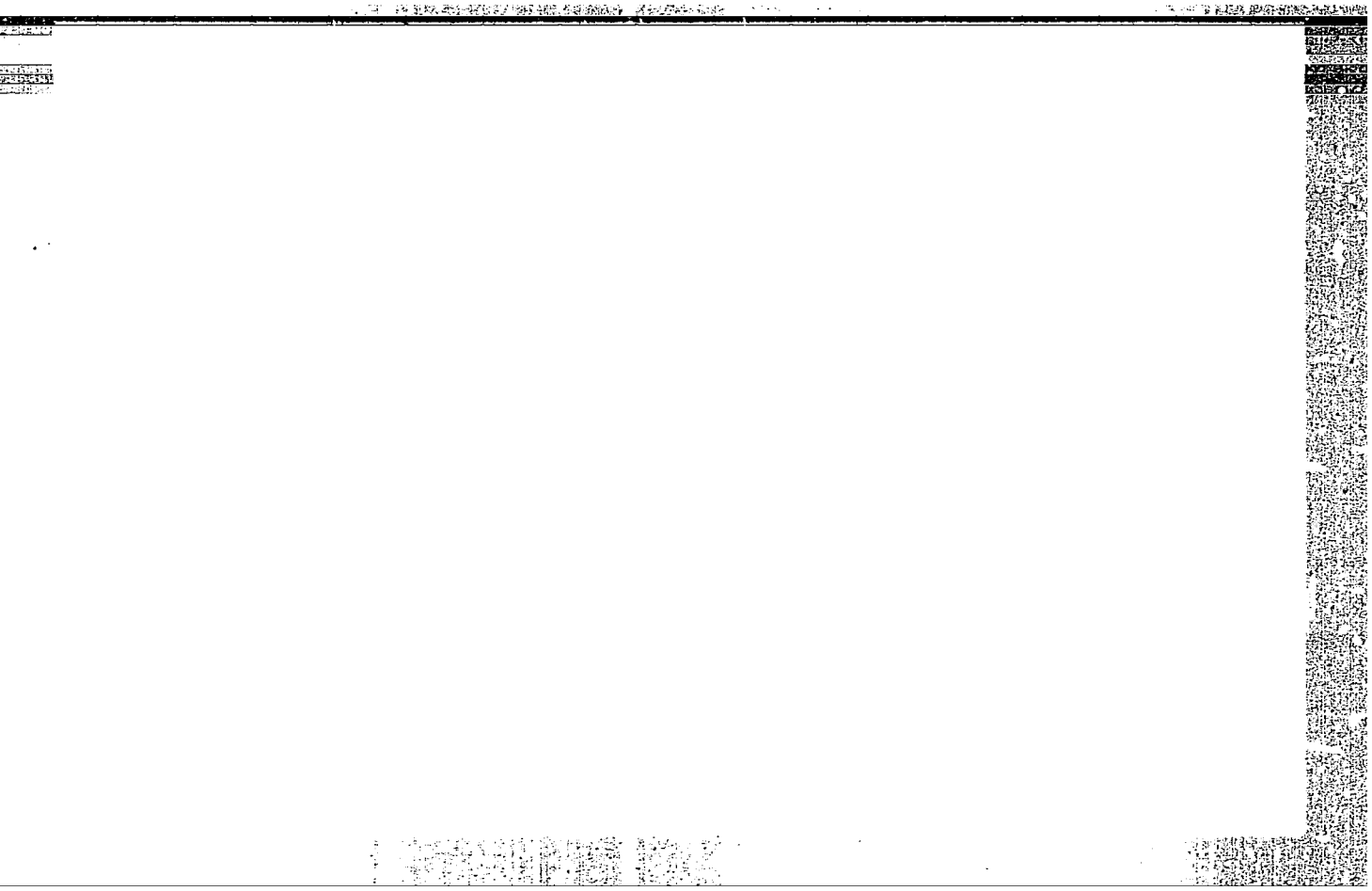
POKLAD, Iosif Iustinovich; FEDOSEYEV, K.A., otv.red.; KOROTKOVA, L., red.izd-va; LEBEDEV, A., tekhn.red.

[Methods of accounting for calculating industrial production costs] Voprosy metodologii ucheta i kal'kulirovaniia sebestoimosti promyshlennoi produktsii. Moskva, Gosfinizdat, 1960. 227 p. (MIRA 13:12)
(Costs, Industrial)

ASTASHKEVICHER, Ye.T.; FEDOSEYEV, K.A., kand. ekon. nauk, retsenzent; GERASIMOV, M.D., red.; UVAROVA, A.F., tekhn. red.

[Accounting and the analysis of the administrative operations of a machinery manufacturing enterprise] Bukhgalterskii uchet i analiz khoziaistvennoi deiatel'nosti mashinostroitel'nogo predpriiatiia. Moskva, Mashgiz, 1963. 459 p. (MIRA 16:11)

(Machinery industry--Accounting)



APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041272(

SHEVCHENKO, A.P.; FEDOSEYEV, K.G.

Volumetric units in the production of antibiotics. Med. prom. 14 no.5:28-30 My '60. (MIRA 13:9)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(ANTIBIOTICS)

FEDOSEYEV, K.G.; SHELYKH, G.I.

Thermal effect in the fermentation of antibiotics. Med. prom. 16 no.1:34-38 Ja '62. (MIRA 15:3)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(FERMENTATION) (ANTIBIOTICS)

FEDOSEYEV, K.G.; SHEVCHENKO, A.P.

Technical and economical analysis of the aeration of culture fluids in the production of antibiotics. Med.prom.17.no.4:25-31. Ap '63. (MIRA 16:7)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(ANTIBIOTICS) (BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

L 24295-66 FBD/EWT(1)/EWT(m)/EEC(k)-2/T/EWP(t)/EWP(k)/EWA(h) IJP(c) WG/JD

ACC NR: AP6012462 SOURCE CODE: UR/0181/66/008/004/1060/1063

AUTHOR: Basov, N. G.; Dudenkova, A. V.; Krasil'nikov, A. I.; Nikitin, V. V.; Fedoseyev, K. P.

ORG: Physics Institute im. P. N. Lebedev, AN SSSR, Moscow (Fizicheskiy institut AN SSSR)

TITLE: An $InAs_{1-x}Sb_x$ p-n junction laser

SOURCE: Fizika tverdogo tela, v. 8, no. 4, 1966, 1060-1063

TOPIC TAGS: solid state laser, indium arsenide antimonide

ABSTRACT: This article is a continuation of earlier research to develop materials for semiconductor lasers over a broad optical range (see Fig. 1). Indium arsenide-antimonide single crystals were grown by the Czochralski method, using equipment described elsewhere (I. F. Ollon, H. L. Goldstein, Appl. Phys. Lett., 2, 170, 1963). The parameters of the crystals, containing ~2% As, are shown in Table 1. The density of dislocations in the crystals was 5.10^3—1.10^4 cm^{-2}. Semiconductor diode lasers were prepared from the crystals by diffusion of Zn at 1023K over a period of 40 min. A Fabry-Perot type resonator was achieved by cleaving and polishing the <110> surfaces to within 5—7 min of arc. Using apparatus described in detail in the article, the laser emission spectra were investigated as a function of the injection current through the p-n junction at 77K. Line narrowing and a 200 Å shift of the intensity

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ACC NR: AP6012462

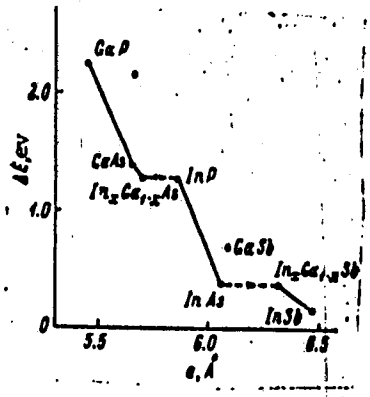

Fig. 1. Dependence of the width of forbidden gap on the lattice constant.

Table 1. Parameters of the crystals

Compound	T, °K	Concentration of electrons n, cm^{-3}	Electron mobility $\mu \cdot 10^{-4}$, m^2 × V^{-1} · sec^{-1}
InAs	300	$3.4 \cdot 10^{18}$	26
		$3.0 \cdot 10^{19}$	10
	77	$3.1 \cdot 10^{18}$	45
		$1.2 \cdot 10^{19}$	14
$InAs_{1-x}Sb_x$	300	$3.2 \cdot 10^{18}$	25
		$1.6 \cdot 10^{19}$	12
	77	$3.0 \cdot 10^{18}$	33
		$1.6 \cdot 10^{19}$	15

maximum (at 3.19 μ) were observed at the injection current of 1.5 amp. Stimulated emission occurred at current densities of 800—1000 amp/cm^{-2}. A multimode structure was observed at currents exceeding the threshold by 1.5 times, with the mode spacing and halfwidth being 20 and 15 Å, respectively. This agrees satisfactorily with the

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theoretical results of Ollon et al. Diodes prepared from various parts of the bar but with identical resonator length, emitted at different wavelengths. This can be explained by the uneven lengthwise distribution of arsenic due to a small coefficient of segregation. The maximum red shift of radiation was ≈500 Å. Orig. art. has: 1 table and 5 figures. [YK]

SUB CODE: 20/ SUBM DATE: 11Aug65/ ORIG REF: 002/ OTH REF: 003/ ATD PRESS: 4236

Card 3/3 PB

USSR/Farm Animals - Swine Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69370

Author : Fedoseyev, K.S. (Cand. Agricultural Sci), Ruzyantsev, M.V.

Inst :

Title : Effectiveness of the Method of Feeding Swine Twice Daily

Orig Pub : Zhivotnovodstvo, 1957, No 11, 49-50

Abstract : With a shift from thrice-daily to twice-daily feeding of swine, the average daily weight gains on the swine farm of the sovkhoz "Podol'skiy" of the Moscow Oblast increased in a year by 166 g (or 50%), the expenditure of feed units decreased from 6.9 to 4.3 per 1 kg of gain, and the net cost of one centner of weight increase dropped from 100 to 91.4%.

Direktor sovkhoza "Podol'skiy," Moskovskoy Oblasti (for Fedoseyev)

Card 1/1

FEDOSEYEV, L.A.

Self-recording apparatus for testing the quality of circular saw blades. Bum. i der. prom. no.3:43-46 Jl-S '63. (MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut sverkhtveverdykh materialov i instrumenta.

FEDOSEYEV, L.A.

Setting circular saw blades. Bum. i der. prom. no.4:38-42 O-D '63. (MIRA 17:3)

1. Ukrainskiy nauchno-issledovatel'skiy konstruktorsko-tekhnologicheskiy institut sinteticheskikh sverkhtverdykh materialov i instrumenta.

ZAKHARENKO, I.P., kand. tekhn. nauk; FEDOSEYEV, L.A.

Sharpening and lapping wood-cutting tools with synthetic diamond wheels. Mashinostroitel' no.10:21-23 O '64.
(MIRA 17:11)

ZAKHARENKO, I.P., kand. tekhn. nauk; FEDOSEYEV, L.A.; KRAVCHUK, V.I.

Diamond sharpening of woodcutting hard-alloy tools at the Kiev Woodworking Plant No.1. Bum. i der. prom. no.4:32-34 O-D '64 (MIRA 18:2)

ZAKHARENKO, I.P., kand. tekhn. nauk; FEDOSEYEV, L.A.; KRIVENKO, A.K.

Hard-alloy cutters for hand surfacer and planes. Bum. i der. prom. no.3:25-28 Jl-S '65. (MIRA 18:9)

ZAKHARENKO, I.P., kand. tekhn. nauk; FEDOSEYEV, L.A.; YURKEVICH, Yu.V.

Machining glass-reinforced plastics with hard-alloy tools.
Mashinostroitel' no. 1:29 Ja '66 (MIRA 19:1)

S/141/62/005/002/025/025
E073/E335

3,1720

AUTHORS: Gorokhov, N.A., Dryagin, Yu.A. and Fedoseyev, L.I.

TITLE: Radio-radiation of the Sun at the wavelength $\lambda = 1.8$ mm

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, v. 5, no. 2, 1962, 413

TEXT: The radiations were measured in July and August, 1960, near the El'brus Mountains 3030 m above sea level, by a radio telescope with a radiation-pattern width of 20'. The effective temperature of the Sun was determined at $5\,300 \pm 700$ °K. This compares with measurements at other wavelengths obtained by A.G. Kislyakov (Ref. 1 - Izv. vyssh. uch. zav. - Radiofizika, 4, 433, 1961), C. W. Tolbert and A.W. Straiton (Ref. 2 - Astrophys. J., 134, 91, 1961), as follows:

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S/141/62/005/002/025/025
E073/E335

Radio-radiation ....

λ, mm	$T_{\odot}$, °K	
4.5	9600 ± 500	(Ref. 2)
4.0	8000 ± 700	(" 1)
3.0	5870 ± 950	(" 2)
2.73	5500 ± 715	(" 2)
2.15	5433 ± 500	(" 2)
1.8	5300 ± 700.	

4

Single measurements were also made of the radio brightness of the Moon near the third quarter. The effective temperature was measured at 250 deg.

ASSOCIATION: Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete (Radiophysics Scientific Research Institute of Gor'kiy university.

Card 2/2

SUBMITTED: January 16, 1962

FEDOSEYEV, L.I.

Radio emission from the moon and sun at a wavelength of 1.3 mm.
Izv. vys. ucheb. zav.; radiofiz. 6 no.4:655-659 '63. (MIRA 16:12)

1. Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete.

L 5[illegible]17-65 FSD/EWT(1)/EWG(v)/EEC(t)/EEC-4 Po-4/Pe-5/Pae-2/P1-4 GW/WS-4
ACCESSION NR: AP5014498 UR/0141/65/008/002/0219/0228

AUTHOR: Kamenskaya, S. A.; Kislyakov, A. G.; Krotikov, V. D.; Naumov, A. I.; Nikonov, V. B.; Porfir'yev, V. A.; Plechkov, V. M.; Streshneva, K. M.; Troitskiy, V. S.; Fedoseyev, L. I.; Lubyako, L. V.; Sorokina, E. P.

TITLE: Observation of the radio eclipse of the moon at millimeter wavelengths

SOURCE: IVUZ. Radiofizika, v. 8, no. 2, 1965, 219-228

TOPIC TAGS: radioastronomy, lunar eclipse, brightness temperature, lunar surface material

ABSTRACT: The radio emission from the moon was measured during the eclipses of 7 July and 30 December 1963, by a procedure in which the antenna was periodically compared with a standard signal which consisted of the difference between the emission of a section of the sky of fixed altitude and a mountain slope having a temperature close to that of the surrounding air. The work was done at Mt. Aragats in Armenia (3250 m) on 7 July and in Usuriys (Primorskiy kray) on 30 December. Several refinements were introduced to correct for the variation of the height of the moon during the time of the eclipse. The maximum relative drop of effective temperature was ~ 17%, ~ 6%, 8 ± 2%, 5 ± 2%, and 3 ± 2% at wave-

Card 1/2

L 54817-65

ACCESSION NR: AP5014498

2

lengths 1.2, 2.1, 4.0, 7.5, and 16 mm in the eclipse of 7 July and 22.5 ± 2.5%, 12 ± 2%, and 8 ± 2% at wavelengths 1.2, 4.0, and 6.0 mm in the eclipse of 30 December. The best agreement between the observation data and the theoretically predicted course of the radio brightness temperature during the eclipse, for a homogeneous model of the moon, is obtained if $\gamma/b = (6 \pm 1.5 \text{ and } 1.0) \times 10^4$. $\gamma = (k\rho c)^{-1/2}$ (k--thermal conductivity, ρ--density, c--specific heat; b--tangent of dielectric loss angle of the lunar material). This value of γ/b agrees with previously obtained value measured by a different method. "We thank the Director of the Institute of Physics, Armenian Academy of Sciences, A. I. Alikhanyan for the opportunity of performing the work on the high-mountain base of the Institute and for help." Orig. art. has: 2 figures and 1 table. [02]

ASSOCIATION: Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete (Radiophysics Scientific Research Institute at the Gor'kiy University)

SUBMITTED:	00	ENCL:	00	SUB CODE:	AA, EC
NO REF SOV:	006	OTHER:	004	ATD PRESS:	4029

Card 2/2

ACC NR: AP7001210 SOURCE CODE: UR/0141/66/009/006/1078/1084

AUTHOR: Dryagin, Yu. A.; Kislyakov, A. G.; Kukin, L. M.; Naumov, A. I.; Fedoseyev, L. I.

ORG: Scientific Research Institute of Radiophysics at Gor'kiy State University (Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete)

TITLE: Measurement of atmospheric radio wave absorption in the 1.36—3.0-mm range

SOURCE: IVUZ. Radiofizika, v. 9, no. 6, 1966, 1078-1084

TOPIC TAGS: millimeter wave, radio wave propagation, radio wave absorption

ABSTRACT: Results of an experimental investigation of atmospheric absorption of radio waves in the 1.36—3.0-mm range are reported. Coefficients of atmospheric absorption were measured using special transmitting and receiving equipment. Detector-type modulated radiometers and parabolic antennas with diameters of 300 mm formed the receiving system. The transmitting system consisted of a parabolic mirror 920 mm in diameter, a plane reflector (diameter, 130 mm), and a backward-wave tube serving as a power generator. Antennas equipped for

Card 1/2 UDC: 621.371.166

ACC NR: AP7001210

orientation purposes with optical sighting devices were installed on roatry systems of the vertical-azimuth type. Methods of varying humidity and of measuring the distance between transmitting and receiving points were used while determining the absorption coefficient. The absorption coefficients of water vapor (over the entire wave range indicated), and molecular oxygen (near the 2.53-mm line) were measured. It was found that the absorption coefficient of water vapor in the frequencies far from resonance is 1.5—2 times larger than the theoretical value calculated for it by S. A. Zhevakin and A. P. Naumov (Izvestiya vysshikh uchebnykh zavedeniy. Radiofizika, no. 6, 1963, 674). The resonance absorption coefficient (λ = 1.63 mm) is equal to 26.8 $\pm$1 db·km^{-1} as compared to 31.6 db·km^{-1} given in the same calculation. The great discrepancy between measured and calculated values of the absorption coefficient of water vapor at frequencies far from resonance cannot be explained by an incorrect choice of line half-width. The measured value in air of the line half-width is 0.1025 $\pm$ 0.0035 cm^{-1}; the calculated value is 0.087 cm^{-1}. The absorption coefficient of oxygen at the 2.53-mm wavelength closely agrees with the calculated one. For wavelengths other than 2.53 mm the measured absorption coefficient exceeds the calculated one by a factor of 5—10. Orig. art. has: 2 figures and 6 formulas. [WA-3]

SUB CODE: 17,09 SUBM DATE: 26Jan66/ ORIG REF: 007/ OTH REF: 014
ATD PRESS: 5111

Card 2/2

FEDOSEEV, L.M. CCCCC058

PHASE I TREASURE ISLAND BIBLIOGRAPHIC REPORT

BOOK Call No.: TN686.T54

Authors: EFROI'OVICH, Yu.E., Cand. of Tech. Sciences
KRICHEVSKIY, G.M., Engineer
LEVITANSKIY, B.A., Engineer
MALAYA, R.Yu., Cand. of Tech. Sciences, deceased.
NEIFAKH, G.M., Cand. of Tech. Sciences
POPOV, M.D., Engineer
SMORODINSKIY, Ia. M., Cand. of Tech. Sciences
SOSUNOV, M.N., Engineer
STASYUK, V.N., Engineer
TAITS, A.A., Engineer
FEDOSEEV, L.M., Engineer
FEIGIN, V.I., Engineer
CHELYUSTKIN, A.B., Engineer
SHERENTSIS, A.N., Engineer

Full Title: A HANDBOOK FOR ELECTROTECHNICAL PERSONNEL IN FERROUS METALLURGICAL INDUSTRIES.

Transliterated Title: Spravochnik elektrika predpriyatii chernoi metallurgii

Publishing Data

Originating Agency: None.

Publishing House: State Publishing House of Scientific-Technical Literature on Ferrous and Nonferrous Metallurgy (Metallurgizdat). Moscow.

Date: 1952 No. pp.: 1167 No. copies: 14,000

1/2

Call No.: TN686.T54

Full Title: A HANDBOOK FOR ELECTROTECHNICAL PERSONNEL IN FERROUS METALLURGICAL INDUSTRIES

Editorial Staff

Compiler: Tikhomirov, I G., Engineer
Editors: Shalyapin, M.G.
Levitanskiy, B.A.

Tech. Ed.: None.
Appraiser: None.

Text Data

Coverage: A detailed handbook containing technical data on specifications, standards, design and operation of various types of electrical equipment in ferrous metallurgical industries: electric power supply plants and their distributing systems, transforming stations and transmission lines(high and low tension), blast furnace works, rolling mill plants, open-hearth plants, mines, electrical steel smelting and ferroalloy furnaces, sintering plants, coke plants, and electrical transport. Tables and diagrams. Subject index.

Purpose: A handbook for electrotechnical personnel, engineering technicians, machine operators, and planning personnel of metallurgical industries.

Facilities: None.

No. of Russian references: References listed at end of each chapter.

Available: Library of Congress.

MALYAREVSKIY, Boris Ivanovich; FEDOSEYEV, Lev Mitrofanovich; ZUDKIN, Sergey Matveyevich; FIBIKH, V.V., redaktor; VALOV, N.A., redaktor; EKKER, O.G., tekhnicheskiy redaktor

[Electrical equipment for wire and sheet-metal product plants] Elektrooborudovanie metiznykh zavodov. Moskva Gos. nauchno-tekhnicheskoe izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955. 270 p. (MLRA 8:10)
(Electric machinery) (Hardware)

KOZLOVSKIY, Mikhail Timofeyevich; PETROV, Vyacheslav Vasil'yevich; KHANIN, N.S., kand. tekhn. nauk, retsenzent; FEDOSEYEV, L.N., red.; DONSKAYA, G.D., tekhn. red.

[Fuel equipment of IaAZ2-204 and IaAZ-206 diesel engines; design, maintenance and repair] Toplivnaia apparatura dizel'nykh dvigate-IaAZ-204 i IaAZ-206; konstruktsiia, obsluzhivanie i remont. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 214 p. (MIRA 15:1)
(Diesel engines)

KUZNETSOV, Anatoliy Ivanovich; FEDOSEYEV, L.N., red.; STEPANOV, V.M., red.izd-va; DONSKAYA, G.D., tekhn.red.

[Repair of road and building machinery] Remont stroitel'nykh i dorozhnykh mashin. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 389 p. (MIRA 13:12)

(Road machinery--Maintenance and repair)
(Building machinery--Maintenance and repair)

KUZNETSOV, Anatoliy Ivanovich; TSEKHANOV, A.D., inzh., retsenzent;
FEDOSEYEV, L.N., red.; YABLOKOV, V.I., red. izd-va;
BODANOVA, A.P., tekhn. red.

[Course project on the repair of motor vehicles and road machinery]
Kursovoe proektirovanie po remontu avtomobilei i dorozhnykh mashin.
Moskva, Avtotransizdat, 1962. 190 p. (MIRA 16:1)
(Motor vehicles--Maintenance and repair)
(Road machinery--Maintenance and repair)

ZELINSKAYA, M.R.; TROITSKIY, V.S.; FEDOSEYEV, L.N.

Lunar radio emission at 1.63 cm. Izv.vys.ucheb.zav.; radiofiz 2 no.3:506-507 '59. (MIRA 13:2)

1. Issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete.
(Moon--Temperature and radition)

ZAYTSEV, N., polkovnik; FEDOSEYEV, M., podpolkovnik

Tactical and construction exercises with the division. Voen. vest. 43 no.6:89-91 Je '63. (MIRA 16:6)
(Artillery drill and tactics)

FEDOSEYEV, M., voditel'

Cleaning streets. Zhil.-kom.khoz. 9 no.1:24 '59. (MIRA 12:3)

1. Kolonna 3-ya avtodormekhbazy Upravleniya blagoustroystva Mosgorispolkoma.

(Moscow--Snow removal)

FEDOSEYEV, M.A.

Representation of cliffs on topographic maps. Geod. i kart. no.12:36-40 D '61. (MIRA 15:1)
(Maps—Symbols)

FEDOSEYEV, M.A., inzh.; FEYST, P.K., kand.tekhn.nauk

Automatic reclosing and reserve cutting-in relay units.
Elek. sta. 33 no.5:69-73 My '62. (MIRA 15:7)
(Electric power distribution)
(Electric protection) (Electric relays)

1. FEDOSEYEV, N.

2. USSR (600)

4. Building

7. Work practice of a leading construction brigade., Sel'.stroi., 7, No.5, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

FEDOSEYEV, N.

Stock and Stockbreeding - Study and Teaching

Training of collective-farm cattle-breeders. Kolkh.proizv. 12 no. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, June 1952 Uncl.

L 23877-66 EWT(1)/EWT(m)/EPF(n)-2/T/ETC(m)-6 WW/DJ/WE

ACC NR: AP6009922 (A,N) SOURCE CODE: UR/0413/66/000/004/0117/0117

AUTHOR: Bakharev, A. P.; Tumanova, A. S.; Lisitsyn, A. A.; Rodnikov, V. A.; Pozharov, M. A.; Rezvov, K. M.; Smirnov, M. P.; Latysh, V. S.; Kryuchkov, V. Ye.; Filippov, V. V.; Keller, U. U.; Kislov, V. G.; Gryaznov, Yu. A.; Koshman, E. I.; Mos'kin, V. A.; Polonskiy, S. N.; Fedoseyev, N. I.; Lavrov, L. I.

64
B

ORG: none

TITLE: A sectional high-pressure fuel pump. Class 46, No. 179124

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 117

TOPIC TAGS: engine fuel pump, internal combustion engine, high pressure pump

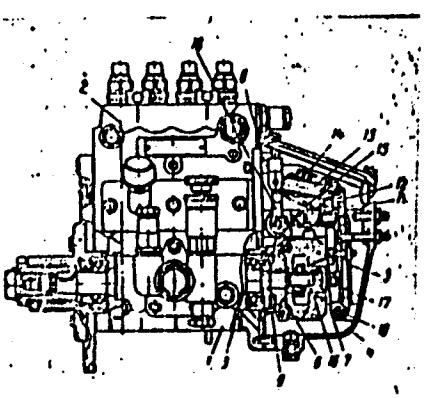
ABSTRACT: This Author's Certificate introduces: 1. A sectional high-pressure fuel pump for internal combustion engines. The pumping elements and camshaft are located in the pump housing. The unit also contains a general-purpose regulator with weights mounted on a hub which is fitted loosely onto the camshaft. These weights operate a clutch which is connected to the fuel pump rod by a lever mechanism. The hub with the weights is connected to the camshaft by a helical spring element for stable operation of the pump under given conditions. 2. A modification of this pump in which the lever mechanism is made up of two levers mounted on a common axis. One of these levers

UDC: 621.43.031

2

Card 1/3

is connected to the pump rod drawbar and the other is connected to the regulator spring. The lever fastened to the drawbar is also coupled with another spring which



1--housing; 2--pumping element; 3--camshaft; 4--general-purpose regulator; 5--weights; 6--hub; 7--regulator clutch; 8--rod; 9--helical spring element; 10--common axis; 11 and 12--control levers; 13--drawbars; 14--regulator spring; 15--extra spring; 16--stem; 17--clutch cavity; 18--control lever

moves this lever to increase fuel feed during starting of the engine. 3. A modification of this fuel pump in which the regulator clutch is mounted on the stem of the camshaft and prevented from rotating by lugs on one of the levers which fit into grooves on the clutch. The clutch cavity bounded by the end of the shaft is filled with oil for damping. 4. A modification of this pump in which the additional spring coupled with the lever mechanism has its other end connected to the motor control lever so that the spring is out of operation when the control lever is moved to the minimum idling speed position after the motor is started. 5. A modification of this pump in which the lever is connected to the pump rod

L 23877-66

ACC NR: AP6009922

O

drawbar by an eccentric to change the cyclic feed of the pump during regulation without changing the speed conditions of the regulator.

SUB CODE: 13/ SUBM DATE: 19Apr62/ ORIG REF: 000/ OTH REF: 000

Card 3/3 dda

L 04268-67 EWT(m)/T DJ

ACC NR: AP6013310 (A) SOURCE CODE: UR/0413/66/000/008/0120/0120

AUTHORS: Fedoseyev, N. M.; Sokolov, G. I.; Magin, A. K.; Orlov, I. Ye.; Blokhin, Yu. I.; Morozov, G. V.; Solov'yeva, M. L.; Serpukhov, D. V.

ORG: none

TITLE: A device for lubricating bearing junctions. Class 47, No. 180924

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 120

TOPIC TAGS: lubricating oil, lubrication, lubrication technique, ANTIFRICTION BEARING

ABSTRACT: This Author Certificate presents a device for lubricating bearing junctions. The device contains an oil bath and a wick holder with a wick feeding the oil to a shaft held in the bearings (see Fig. 1). To prevent singeing the wick and dropping its remnants into the bearings, a separating contact element is placed between the shaft and the wick. This element is made of antifrictional heat-resistant material and contains axial capillary ducts. Grooves running on the surface of the contact element at an angle to the shaft axis are connected to the ducts and touch the shaft.

Card 1/2 UDC: 62-725.7

L 04268-67

ACC NR: AP6013310

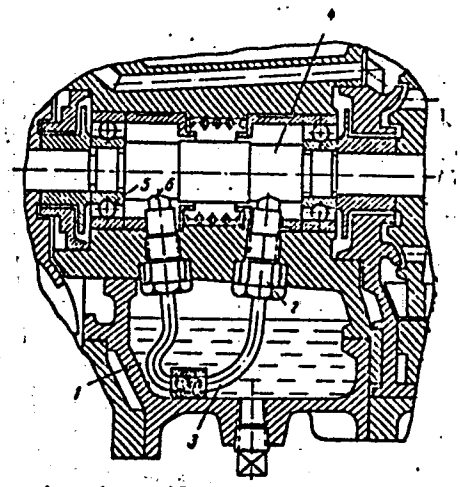


Fig. 1. 1 - oil bath; 2 - wick holder; 3 - wick; 4 - shaft; 5 - bearing; 6 - contact element.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 23Jul64

Card 2/2 fv

BARANOV, Lev Aronovich, inzh.; FEDOSEYEV, Nikolay Pavlovich, kand. tekhn. nauk; ZOLOTNITSKIY, N.D., doktor tekhn. nauk, prof., nauchnyy red.; CHEKHOVSKAYA, T.P., red. izd-va; BOROVNEV, N.K., tekhn. red.; MOCHALINA, Z.S., tekhn. red.

[Standard stock equipment for safe construction and assembly work] Tipovye inventarnye ustroistva i prisposobleniia po bezopasnomu vedeniiu stroitel'no-montazhnykh rabot. Moskva, Gosstroiizdat, 1962. 99 p. (MIRA 15:6)
(Building--Safety measures)

BARANOV, Lev Aronovich, inzh.; FEDOSEYEV, Nikolay Petrovich, kand. tekhn. nauk

[Standard stock equipment and devices for safe building and assembling operations] Tipovye inventarnye ustroistva i prisposobleniia po bezopasnomu vedeniiu stroitel'no-montazhnykh rabot. Moskva, Stroiizdat, 1965. 190 p. (MIRA 18:12)

KAMENICHNYY, Ye.M.; MAKSIMOV, V.I.; RYL'TSEV, A.N.; FEDOSEYEV, N.P.; ZOLOTNITSKIY, N.D., doktor tekhn. nauk, prof., red.; AKATOVA, V.G., red.; SHVETSOV, S.V., tekhn. red.

[Laboratory work on safety engineering and fire prevention] Laboratornye raboty po tekhnike bezopasnosti i protivopozharnoi tekhnike. Moskva, Rosvuzizdat, 1963. 55 p. (MIRA 17:3)

DOGVAL', Viktor Ivanovich; LIVSHITS, Erik Abramovich; LYSOCHENKO, Aleksandr Alekseyevich; NADEZHIN, Konstantin Nikolayevich; NOVOZHILOV, Yuriy Ivanovich; SOKOLOV, Nikolay Aleksandrovich; FEDOSEYEV, Oleg Vasil'yevich; YASKUNOV, Nikolay Pavlovich; MAGIROVSKIY, N.P., red.; PANKRASHOV, A.P., red.; POD"YEL'SKAYA, K.M., tekhn. red.

[TDT-40M diesel timber-skidding tractor] Trelevochnyi traktor TDT-40M. Pod red.N.P.Magirovskogo. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 355 p. (MIRA 14:10)
(Tractors--Design and construction)

ANISIMOV, G.M.; GALYAMICHEV, V.A.; GOL'DBERG, A.M.; DRAKE, A.D.; KUZ'MIN, Yu.M.; LYSOCHENKO, A.A.; MAGIROVSKIY, N.P.; FEDOSEYEV, O.V.

Studying the operational conditions of the TDT-55 timber-skidding tractor. Trakt. i sel'khozmash. no.11:1-4 N '65.
(MIRA 18:12)

1. Kafedra tyagovykh mashin Lesotekhnicheskoy akademii imeni Kirova (for Anisimov, Galyamichev, Gol'berg, Drake). 2. Onezhskiy traktornyy zavod (for Kuz'min, Lysochenko, Magirovskiy, Fedoseyev).

L 26674-66 EWT(d)/EWP(h)/EWP(l)
ACC NR: AP6009551 SOURCE CODE: UR/0413/66/000/005/0093/0094

AUTHORS: Amel'kovich, I. I.; Artamonov, Yu. G.; Dyatlov, Ye. S.; Magirovskiy, N. P.; Novoshilov, Yu. I.; Orlov, S. F.; Pikkuvirta, P. O.; Podkovyrin, A. I.; Polyachenko, V. A.; Senchenko, L. P.; Fedoseyev, O. V.; Shubin, L. V. 32 B

ORG: none

TITLE: Machine for gathering, hauling, and transportation of felled trees. Class 45, No. 179539 [announced by Onega Tractor Factory (Onezhskiy traktornyy zavod); Leningrad Kirov Factory (Leningradskiy Kirovskiy zavod); Leningrad Forestry Technical Academy im. S. M. Kirov (Leningradskaya lesotekhnicheskaya akademiya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 93-94

TOPIC TAGS: tractor, forestry, forestry product

ABSTRACT: This Author Certificate presents a machine for hauling, gathering, and transporting felled trees, consisting of a mono-axle tractor, semitrailer with steering axle connected with the tractor by a universal joint, and a hoist. To insure a continuous pick-up of felled trees and their loading on the machine, the latter is equipped with a movable boom, to the end of which is attached a pincer clamp. To improve the maneuverability of the machine, the movable boom is mounted on the tractor frame and the pick-up device on the frame of the semi-trailer. To

Card 1/2 UDC: 629.114.4:634.0.377.4

L 26674-66
ACC NR: AP6009551 0

prevent damage to the movable parts, the latter are protected by means of pipe fastened above the saddle hitch device. To facilitate the loading of large packets of trees, a pulley is attached to the protective pipe (see Fig. 1).

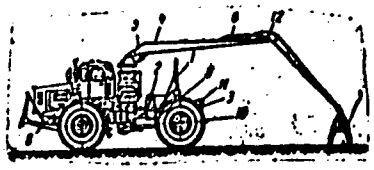


Fig. 1. 1 - pick-up assembly; 2 - hoist; 3 - saddle-hitch device; 4 - movable boom; 5 and 6 - power cylinders; 7 - pincer clamp; 8 - mono-axle tractor; 9 - semitrailer; 10 - steering axle of semitrailer; 11 - protective pipe; 12 - pulley.

Orig. art. has: 1 diagram.

SUB CODE: 13,02/ SUBM DATE: 15Jun64

Card 2/2 BLG

FEDOSEYEV, P., podpolkovnik.

Hero of labor and expert in combat training. Sov.voin 38 no. 16:9 Ag '56. (MLRA 9:12)

(Aslanov, Agaiar)

FEDOSEYEV, P.A.; CHVANOV, V.G., redaktor; M.L'KOVA, N.V., tekhnicheskiy redaktor.

[Tables for dividing circular curves by the chord method] Tablitsy dlia razbivki krugovykh krivykh sposobom khord. Moskva, Min. avtomobil'nogo transporta i shosseinykh dorog, 1953. 38 p.(MLRA 7:11)
(Curves)

FEDOSEYEV, P.A.; FEDOSEYEV, Ye.P.

New transit curves. Avt.dor.20 no.1:22-24 Ja '57. (MLRA 10:3)
(Curves in engineering)

DMITREVSKIY, Semen Mikhaylovich, dots.; SHESTAKOV, Vadim Arkad'yevich, dots.; SHNEYDER, Anatoliy Ivanovich, dots.; FEDOSEYEV, P.D., red.; KONARDOVA, T.F., red. izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Current maintenance of logging roads] Tekushchee soderzhanie lesovoznykh avtomobil'nykh dorog. Moskva, Goslesbumizdat, 1961. 73 p. (MIRA 15:4)
(Forest roads--Maintenance and repair)

TURLYUN, I.A.; FEDOSEYEV, P.F.

The KIU-55M sprinkling unit. Biul.tekh.-ekon.inform. no.12: 53-55 '59. (MIRA 13:4)
(Sprinklers)

FEDOSHEV, P. G.

Electrical engineering. Moskva, Goskinoizdat, 1951. 506 p. (53-23189)

TK146.F4

FEDOSEYEV, P.G.; OSKOLKOV, I.N., kandidat tekhnicheskikh nauk, redaktor.

[Electric engineering] Elektrotekhnika. Pod obshchei red. I.N.Oskolkova. Izd.2. Moskva, Iskusstvo, 1953. 515 p. (MLRA 7:6)
(Electric engineering)

FEDOSEYEV, P.G.

Differentiating circuit design for voltage stabilizers with d. c. controllable reactors. Trudy LIKI no.3:8-19 '55. (MLRA 9:8)

1. Kafedra spetsial'noy elektrotekhniki.
(Voltage regulators) (Electric reactors)